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**DATE:** October 9, 2006

**TO:** USPTO

**ADDRESS:** Commissioner for Patents  
P.O. Box 1450  
Mail Stop: Amendment After Final  
Alexandria, VA  
22313-1450

**SENDER'S DIRECT DIAL NO.:** (513) 752-5350

**TOTAL NUMBER OF PAGES:** 13

**ADDITIONAL INFORMATION:** US Patent Application Serial No.: 10/759,954, Filed January 17, 2004; Response After Final Office Action Transmittal including Certificate of Facsimile dated October 9, 2006; Response After Final Office Action.

**FAX TO:**

Name	Fax Number	Confirm Number
USPTO	571-273-8300	

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**SBTECHNOLOGY LAW<sup>SM</sup>**  
SCIENCE, BUSINESS, TECHNOLOGY & THE LAW

OCT 09 2006

Attorney's Docket No. LRI-011PAT

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Paul S. Prevey, III

Serial No.: 10/759,954

Group No.: 3726

Filed: January 17, 2004

Examiner: John C. Hong

For: METHOD AND APPARATUS FOR IMPROVING THE MAGNITUDE OF  
COMPRESSIVE STRESS DEVELOPED IN THE SURFACE OF A PARTCommissioner for Patents  
Mail Stop: AF  
P.O. Box: 1450  
Alexandria, VA 22313-1450RESPONSE AFTER FINAL OFFICE ACTION  
TRANSMITTAL

1. Transmitted herewith is an amendment for this application.
2. Applicant is  
☒ a small entity.  
☐ other than a small entity.

## CERTIFICATE OF MAILING/TRANSMISSION (37 CFR 1.8a)

I hereby certify that this correspondence is, on the date shown below, being:

MAILING

FACSIMILE

☐ I deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, Mail Stop: Amendment, P.O. Box 1450, Alexandria, VA 22313-1450.

☒ Transmitted by facsimile to the Patent and Trademark Office  
PHONE NUMBER 571-273-8300 ON September 11, 2006  
TO COMMISSIONER FOR PATENTS, MAIL STOP: AF,  
ALEXANDRIA, VA 22313-1450

Signature

Mark F. Smith

October 9, 2006

(Type or print name of person certifying)

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### EXTENSION OF TERM

**NOTE-** "Extension Of Time In Patent Cases (Supplement Amendments) - if a timely and complete response has been filed after a Non-Final Office Action, an extension of time is not required to permit filing and/or entry of an additional amendment after expiration of the shortened statutory period.

*If a timely response has been filed after a Final Office Action; an extension of time is required to permit filing and/or entry of a Notice of Appeal or filing and/or entry of an additional amendment after expiration of the shortened statutory period unless the timely filed response placed the application in condition for allowance. Of course if a Notice of Appeal has been filed within the shortened statutory period, the period has ceased to run." Notice of December 10, 1985 (1061 O.G. 34-5).*

**NOTE-** See 37 CFR 1.645 for extensions of time in interference proceedings, and 37 CFR 1.550(c) for extensions of time in reexamination proceedings.

3. The proceedings herein are for a patent application and the provisions of 37 CFR 1.136 apply.

(complete (a) or (b), as applicable)

- (a)      Applicant petitions for an extension of time under 37 CFR 1.136  
(fees: 37 CFR 1.17(a)-(d) for the total number of months checked below:

Extension (months)	Fee for other than <u>small entity</u>	Fee for <u>small entity</u>
<u>    </u> one month	\$ 120.00	\$ 60.00
<u>    </u> two months	\$ 450.00	\$225.00
<u>    </u> three months	\$1,020.00	\$510.00
<u>    </u> four months	\$1,590.00	\$795.00

Fee \$ 0.00

     An extension for                  months has already been secured and the fee paid therefore of \$                  is deducted from the total fee due for the total months of extension now requested.

Extension fee due with this request \$ 0.00

OR

- (b)   x   Applicant believes that no extension of term is required. However this conditional petition is being made to provide for the possibility that applicant has inadvertently overlooked the need for a petition for extension of time.

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## FEE FOR CLAIMS

4. The fee for claims (37 CFR 1.16(b)-(d)) has been calculated as shown below:

(Col. 1)	(Col. 2)	(Col. 3)	SMALL ENTITY	OTHER THAN A SMALL ENTITY
CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO PREVIOUSLY PAID FOR	EXTRA	RATE	PRESENT FEE OR RATE
				ADDIT. FEE
TOTAL * 11	MINUS ** 20	=	X 50 = \$	X 25 = \$0.00
INDEP * 3	MINUS *** 3	=	X 200 = \$	X 100 = \$0.00

\_\_\_ FIRST PRESENTATION OF MULTIPLE DEP. CLAIM X 360 = \$ X 180 = \$

TOTAL ADDITIONAL FEE: \$0.00

- \* If the entry in Col. 1 is less than entry in Col. 2, write "0" in Col. 3.
  - \*\* If the "Highest No. Previously Paid for" IN THIS SPACE is less than 20, enter "20".
  - \*\*\* If the "Highest No. Previously Paid for" IN THIS SPACE is less than 3, enter "3"
- The "Highest No. Previously Paid for" (Total or indep.) is the highest number found in the appropriate box in Col. 1 of a prior amendment or the number of claims originally filed.

**WARNING** "After final rejection or action (Section 1.113) amendments may be made canceling claims or complying with any requirement of form which has been made." 37 CFR 1.116(a) (emphasis added).

(complete (c) or (d), as applicable)

(c) X No additional fee for claims is required

OR

(d) \_\_\_ Total additional fee for claims required \$0.00

## FEE PAYMENT

5. \_\_\_ Attached is a check in the sum of \$ 0.00.

\_\_\_ Charge Account No. \_\_\_\_\_ the sum of \$ \_\_\_\_\_.

A duplicate of this transmittal is attached.

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**FEE DEFICIENCY**

**NOTE:** *If there is a fee deficiency and there is no authorization to charge an account additional fees are necessary to cover the additional time consumed in making up the original deficiency. If the maximum six-month period has expired before the deficiency is noted and corrected the application is held abandoned. In those instances where authorization to charge is included, processing delays are encountered in returning the papers to the PTO Finance Branch in order to apply these charges prior to action on the cases. Authorization to charge the deposit account for any fee deficiency should be checked. See the Notice of April 71-86, (1065 O.G. 31-33).*

6.        If any additional extension and/or fee is required, charge Account No.

AND/OR

       If any additional fee for claims is required, charge Account No.

**OTHER DOCUMENTS ATTACHED**

7.        No other documents are attached.

  X   The following documents are attached hereto:

Response to Final Office Action

Reg. No.: 32,437

Tel. No.: 513-752-5350



**SIGNATURE OF ATTORNEY**  
Mark F. Smith  
Smith Brandenburg Ltd  
905 Ohio - Pike  
Cincinnati, Ohio 45245

IN THE UNITED STATES PATENT  
AND TRADEMARK OFFICE

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Applicant : Paul S. Prevey, III  
Appl. No. : 10/759,954  
Filed : 1/17/2004  
Title : METHOD AND APPARATUS FOR IMPROVING THE  
MAGNITUDE OF COMPRESSIVE STRESS DEVELOPED  
IN THE SURFACE OF A PART

Art Unit : 3726  
Examiner : John C. Hong

Docket No. : LRI-011PAT

Mail Stop Amendment  
Honorable Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RESPONSE AFTER FINAL OFFICE ACTION

Sir:


In response to the Office Action of July 11, 2006 and the Advisory Action dated  
September 25, 2006, please consider the following amendments and remarks.

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being transmitted to by facsimile to: Commissioner for Patents,  
P.O. Box 1450, Mail Stop Amendment, Alexandria, VA 22313-1450, via fax number 571-273-8300 on  
October 9, 2006.

October 9, 2006



Mark F. Smith